SEQUENCE LISTING

<110> Jaeger, Stephan

<120> A method for determination of a nucleic acid using a control

<130> 18981

<140> US10/087,631
<141> 2002-03-01

<160> 17

<170> PatentIn Ver. 2.1

<210> 1
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: artificial sequence to examplify principle

<400> 1
agcgcatgcc agattactgg c 21

<210> 2
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: artificial sequence to examplify principle

<400> 2
tcgcgtacgg tctaatgacc g 21

<210> 3
<211> 34
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: ST650 HCV specific probe sequence

<220>
<221> N_region
<222> (15)
<223> n represents abasic linker ((2-amino-cyclohexyl-)propan-1,3-diol)

<400> 3
cggtgtactc accgnttccg cagaccacta tggc 34

<210> 4
<211> 31
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:ST2535 probe
sequence

<220>
<221> N_region
<222> (14)
<223> n represents an abasic linker
(2-amino-cyclohexyl-)propan-1,3-diol)

<400> 4
tggactcagt cctntggtca tctcaccttc t 31

<210> 5
<211> 34
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: ST650pc probe
sequence (parallel-complementary to ST650)

<220>
<221> N_region
<222> (15)
<223> n represents an abasic linker
(2-amino-cyclohexyl-)propan-1,3-diol

<400> 5
gccacatgag tggcnaaggc gtctggtgat accg 34

<210> 6
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:ST280
HCV-speific Primer-sequence

<400> 6
gcagaaagcg tctagccatg gcgtta 26

<210> 7
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:ST778
HCV-specific Primer-sequence

<400> 7
gcaagcaccc tatcaggcag taccacaa 28

<210> 8
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:ST280pc Primer
parallel-complementary to ST280

<400> 8
cgtctttcgc agatcggtac ctcaat 26

<210> 9
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:ST778pc Primer
parallel-complementary to ST778

<400> 9
cgttcgtggg atagtccgtc atggtgtt 28

<210> 10
<211> 241
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: DNA sequence
derived by amplification of HCV type 1 using the
primers ST280 and ST778

<400> 10
gcagaaagcg tctagccatg gcgttagtat gagtgtcgtg cagcctccag gacccccct 60
cccgggagag ccatagtggt ctgcggaacc ggtgagtaca ccggaattgc caggacgacc 120
gggtcctttc ttggatcaac ccgctcaatg cctggagatt tgggcgtgcc cccgcgagac 180
tgctagccga gtagtgttgg gtcgcgaaag gccttgtggt actgcctgat agggtgcttg 240
c 241

<210> 11
<211> 943
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: QS(pc)HCV
being parallel-complementary to according region
of the HCV type1 genome

<400> 11
agatctccgc tgtgaggtgg tatctagtga ggggacactc cttgatgaca gaagtgcgtc 60
tttcgcagat cggtaccgca atcatactca cagcacgtcg gaggtcctgg gggggagggc 120
cctctcggta tcaccagacg ccttggccac tcatgtggcc ttaacggtcc tgctggccca 180
ggaaagaacc tagttgggcg agttacggac ctctaaaccc gcacgggggc gctctgacga 240
tcggctcatc acaacccagc gctttccgga acaccatgac ggactatccc acgaacgctc 300
acggggccct ccagagcatc tggcacgtgg tactcgtgct taggatttgg agtttctttt 360
tggtttgcat tgtggttggc ggcaggtgtc ctgcagttca agggcccgcc accagtctag 420
caaccacctc aaatggacaa cggcgcgtcc ccggggtcca acccacacgc gcgcgagtcc 480
ttctgaaggc tcgccagcgt tggagcacct tccgctgttg gatagggggtt ccgagcggct 540
gggctcccgt cccggacccg agtcgggccc atgggaaccg gggagatacc gttactcccg 600
taccccaccc gtcctaccga ggacagtggg gcaccaagag ccggatcaac cccggggagt 660
ctgggggccg catccagcgc attaaaccca ttccagtagc tatgggaatg tacgccgaag 720
cggctggagt accccatgta aggcgagcag ccgcggggag atcccccgcg gcggtcccgg 780
gaccgcgtac cgcaggccca agacctcctg ccgcacttga tacgttgtcc cttaaacggg 840
ccaacgagaa agagatagaa ggagaaccca aacgacagaa caaactggta gggtcgaagg 900
cgaatacttc acgcgtaaac atgaggatta cccatgtaag ctt 943

<210> 12
<211> 241
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: amplicon
derived from QS(pc)HCV using the primers ST280pc

and ST778pc

<400> 12
cgtctttcgc agatcggtac cgcaatcata ctcacagcac gtcggaggtc ctgggggga 60
gggccctctc ggtatcacca gacgccttgg ccactcatgt ggccttaacg gtcctgctgg 120
cccaggaaag aacctagttg ggcgagttac ggacctctaa acccgcacgg gggcgctctg 180
acgatcggct catcacaacc cagcgctttc cggaacacca tgacggacta tcccacgaac 240
g 241

<210> 13
<211> 241
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:amplicon sequence derived from QSHCV (HCV amplification control having binding sites for ST280, ST778 and ST2535) using the primers ST280 and ST778

<400> 13
gcagaaagcg tctagccatg gcgttagtat agtggcgtga gagcagccct tgcctcgccc 60
accgcgcgtc tagaaggtga gatgaccaga ggactgagtc caatgcatgc tggctccgag 120
atgctccgca aacttgccgt caacgtgact gcgtacggcg ggcgtgcccg cctggctgtg 180
tatgagctgg tgaccgtgat ctggctggag gccttgtggt actgcctgat agggtgcttg 240
c 241

<210> 14
<211> 375
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: ICSJ620HCV (HCV specific amplification control having a binding site for ST280 and ST778 and an internal region being parallel-complementary to HCV)

<400> 14
agatctcggt cgggggacta cccccgctgt gaggtggtac ttagtgaggg gacactcctt 60
gatgacagaa gtggcagaaa gcgtctagcc atggcgttac atactcacag cacgtcggag 120
gtcctggggg ggagggccct ctcggtatca ccagacgcct tggccactca tgtggcctta 180
acggtcctgc tggcccagga aagaacctag tttgggcgag ttacggacct ctaaacccgc 240
acgggggcgc tctgacgatc ggctcatcac aacccagcgc tttccggttg tggtactgcc 300
tgatagggtg cttgcctcga ggggccctcc agagcatctg gcacgtggaa acatgaggat 360
tacccatgta agctt 375

<210> 15
<211> 242
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: amplicon derived from ICSJ620HCV (HCV-specific amplification control) using ST280 and ST778 as primers

<400> 15
gcagaaagcg tctagccatg gcgttacata ctcacagcac gtcggaggtc ctgggggga 60
gggccctctc ggtatcacca gacgccttgg ccactcatgt ggccttaacg gtcctgctgg 120
cccaggaaag aacctagttt gggcgagtta cggacctcta aacccgcacg ggggcgctct 180
gacgatcggc tcatcacaac ccagcgcttt ccggttgtgg tactgcctga tagggtgctt 240
gc 242

<210> 16
<211> 46
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: NTQ21-46-A

<400> 16
cgatcatctc agaacattct tagcgttttg ttcttgtgta tgatcg 46

<210> 17
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: artifical sequence to examplify principle

<400> 17
cggtcattag accgtacgcg a 21